BRUHAT BENGALURU MAHANAGARA PALIKE, YELAHANKA DIVISION

Bruhat Bengaluru Mahanagara Palike

Name of Work: Construction of Rain water lead of drain at Kondappa layout 19th to 28th cross in Choudeshwari ward.No.2

EMB

"FIRST & FINAL BILL"

Name of Work: Construction of Rain water lead of drain at Kondappa layout 19th to 28th cross in Choudeshwari ward.No.2

Detailed Measurements							
Measurement Recorded On: 20/4/21 to 29/4/21							
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)						
	Drain	CUM					
	17th Cross Road	1.00	30.00	0.75	0.9	20.25	
		1.00	30.00	0.75	0.9	20.25	
		1.00	30.00	0.75	0.9	20.25	
		1.00	23.00	0.75	0.9	15.53	
	17th Cross Road LHS Cross	1.00	23.70	0.75	0.9	16.00	
	19th Cross Road	1.00	30.00	0.75	0.8	18.00	
		1.00	17.80	0.75	0.8	10.68	
	20th Cross Road	1.00	30.00	0.75	0.8	18.00	
		1.00	30.00	0.75	0.8	18.00	
		1.00	14.80	0.75	0.8	8.88	
	21st Cross Road	1.00	30.00	0.75	0.8	18.00	
		1.00	30.00	0.75	0.8	18.00	
	22nd Cross Road	1.00	6.00	0.75	0.8	3.60	
		1.00	30.00	0.75	0.8	18.00	
		1.00	30.00	0.75	0.8	18.00	
		1.00	2.10	0.75	0.8	1.26	
	23rd Cross Road	1.00	30.00	0.75	0.8	18.00	
		1.00	24.10	0.75	0.8	14.46	
	24th Cross Raod	1.00	30.00	0.75	0.8	18.00	
		1.00	19.30	0.75	0.8	11.58	
	25th Cross Road	1.00	30.00	0.75	0.7	15.75	
		1.00	15.90	0.75	0.7	8.35	
	Temple Road RHS	1.00	15.10	1.20	1.30	23.56	
		1.00	23.70	1.20	1.00	28.44	
	LHS	1.00	30.00	1.00	1.00	30.00	
		1.00	3.20	1.00	1.00	3.20	
	Approach Road	1.00	29.80	1.00	1.00	29.80	
		1.00	5.20	1.00	1.00	5.20	
		1.00	3.20	1.00	1.00	3.20	

A.E.E

SHRIYA CONSTRUCTION AND CONSULTANCY

AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)

	Heap Removal / Debris in Temple Road	1.00	25.00	3.00	0.38	28.50	
					Present Qty	1665.90	CUM

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

Name of Work: Construction of Rain water lead of drain at Kondappa layout 19th to 28th cross in Choudeshwari ward.No.2

Detailed Measurements

Measurement Recorded On: 30/4/21 to 5/5/21

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	KSRB 2-4: Refilling avalable earth around pipelines,cables in layers not exceeding 20cms in depth,compacting each deposited layer by ramming after watering with lead upto 50m. And lift upto 1.5m. Including cost of all labour complete as per specifications.						
		CUM					
	17th Cross Road	1.00	30.00	0.75	0.9	20.25	
		1.00	30.00	0.75	0.9	20.25	
		1.00	30.00	0.75	0.9	20.25	
		1.00	23.00	0.75	0.9	15.53	
	17th Cross Road LHS Cross	1.00	23.70	0.75	0.9	16.00	
	19th Cross Road	1.00	30.00	0.75	0.8	18.00	
		1.00	17.80	0.75	0.8	10.68	
	20th Cross Road	1.00	30.00	0.75	0.8	18.00	
		1.00	30.00	0.75	0.8	18.00	
		1.00	14.80	0.75	0.8	8.88	
	21st Cross Road	1.00	30.00	0.75	0.8	18.00	
		1.00	30.00	0.75	0.8	18.00	
		1.00	6.00	0.75	0.8	3.60	
	22nd Cross Road	1.00	30.00	0.75	0.8	18.00	
		1.00	30.00	0.75	0.8	18.00	
		1.00	2.10	0.75	0.8	1.26	
	23rd Cross Road	1.00	30.00	0.75	0.8	18.00	
		1.00	24.10	0.75	0.8	14.46	
	24th Cross Raod	1.00	30.00	0.75	0.8	18.00	
		1.00	19.30	0.75	0.8	11.58	
	25th Cross Road	1.00	30.00	0.75	0.7	15.75	
		1.00	15.90	0.75	0.7	8.35	
	Temple Road						
	RHS	1.00	15.10	1.20	1.30	23.56	
		1.00	23.70	1.20	1.00	28.44	
	LHS	1.00	30.00	1.00	1.00	30.00	
		1.00	3.20	1.00	1.00	3.20	
	Approach Road	1.00	29.80	1.00	1.00	29.80	
		1.00	5.20	1.00	1.00	5.20	
		1.00	3.20	1.00	1.00	3.20	
	End Road 1	2.00	30.00	0.75	0.75	33.75	

C&F Key 5/5

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

		2.00	16.00	0.75	0.75	18.00	
	End Road 2	1.00	23.90	0.75	0.75	13.44	
	End Road 3	1.00	23.30	0.75	0.75	13.11	
	Connecting Drain Near Lake	1.00	30.00	1.00	1.20	36.00	
		1.00	30.00	1.00	1.20	36.00	
	Cross Road	1.00	30.00	0.75	0.75	16.88	
		1.00	30.00	0.75	0.75	16.88	
	Culverts						
	End road 2	1.00	7.00	1.00	1.00	7.00	
	Temple Road	1.00	7.00	1.20	1.00	8.40	
	25th Cross Road	1.00	5.70	1.50	1.00	8.55	
	Consider 50%					330.11	
	Lake Area Filling and Compaction with Available good soil End Portions of Road						
	23rd Cross Road	1.00	24.10	3.30	0.30	23.86	
	24th Cross Raod	1.00	19.30	3.50	0.30	20.27	
	25th Cross Road	1.00	15.90	2.70	0.30	12.88	
						57.00	
					Present Qty	387.12	CUM

A.E.E

Contractor

SHRIYA CONSTRUCTION AND CONSULTANCY * BMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ylk. Zn)
Yelahanka, Bangalore

Name of Work: Construction of Rain water lead of drain at Kondappa layout 19th to 28th cross in Choudeshwari ward.No.2

Detailed Measurements

Measurement Recorded On: 6/5/21 to 25/5/21

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)						
	Drain	CUM					
	17th Cross Road	1.00	30.00	0.75	0.15	3.38	
		1.00	30.00	0.75	0.15	3.38	
		1.00	30.00	0.75	0.15	3.38	
		1.00	23.00	0.75	0.15	2.59	
	17th Cross Road LHS Cross	1.00	23.70	0.75	0.15	2.67	
	19th Cross Road	1.00	30.00	0.75	0.15	3.38	
		1.00	17.80	0.75	0.15	2.00	
	20th Cross Road	1.00	30.00	0.75	0.15	3.38	
		1.00	30.00	0.75	0.15	3.38	
		1.00	14.80	0.75	0.15	1.67	
	21st Cross Road	1.00	30.00	0.75	0.15	3.38	
		1.00	30.00	0.75	0.15	3.38	
		1.00	6.00	0.75	0.15	0.68	
	22nd Cross Road	1.00	30.00	0.75	0.15	3.38	
		1.00	30.00	0.75	0.15	3.38	
		1.00	2.10	0.75	0.15	0.24	
	23rd Cross Road	1.00	30.00	0.75	0.15	3.38	
		1.00	24.10	0.75	0.15	2.71	
	24th Cross Raod	1.00	30.00	0.75	0.15	3.38	
		1.00	19.30	0.75	0.15	2.17	
	25th Cross Road	1.00	30.00	0.75	0.15	3.38	
		1.00	15.90	0.75	0.15	1.79	
	Temple Road						
	RHS	1.00	15.10	1.20	0.15	2.72	
		1.00	23.70	1.20	0.15	4.27	
	LHS	1.00	30.00	1.00	0.15	4.50	
		1.00	3.20	1.00	0.15	0.48	
	Approach Road	1.00	29.80	1.00	0.15	4.47	
		1.00	5.20	1.00	0.15	0.78	
		1.00	3.20	1.00	0.15	0.48	
	End Road 1	2.00	30.00	0.75	0.15	6.75	
		2.00	16.00	0.75	0.15	3.60	
	End Road 2	1.00	23.90	0.75	0.15	2.69	
	End Road 3	1.00	23.30	0.75	0.15	2.62	

AEE

Gopi

SHRIYA CONSULTANCY

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

	Connecting Drain Near Lake	1.00	30.00	1.00	0.15	4.50	
		1.00	30.00	1.00	0.15	4.50	
	Culverts						
	End road 2	1.00	7.00	1.00	0.15	1.05	
	Temple Road	1.00	7.00	1.20	0.15	1.26	
	25th Cross Road	1.00	5.70	1.50	0.15	1.28	
	Road Work						
	Temple Road	1.00	30.00	4.30	0.15	19.35	
		1.00	24.30	5.80	0.14	19.73	
	End Road 1	1.00	30.00	3.60	0.15	16.20	
		1.00	20.70	3.50	0.14	10.14	
	End Road 2	1.00	30.00	3.50	0.15	15.75	
		1.00	10.20	3.10	0.14	4.43	
	End Road 3	1.00	25.00	4.00	0.15	15.00	
	17th Cross Road	1.00	30.00	3.00	0.14	12.60	
		1.00	30.00	3.00	0.14	12.60	
		1.00	30.00	3.00	0.14	12.60	
		1.00	23.00	3.00	0.15	10.35	
	17th Cross Road LHS Cross	1.00	23.70	3.00	0.14	9.95	
	20th Cross Road	1.00	30.00	3.00	0.14	12.60	
		1.00	30.00	3.00	0.14	12.60	
		1.00	14.80	3.00	0.15	6.66	
	21st Cross Road	1.00	30.00	2.70	0.14	11.34	
		1.00	30.00	2.70	0.15	12.15	
		1.00	6.00	2.70	0.14	2.27	
	22nd Cross Road	1.00	30.00	3.70	0.14	15.54	
		1.00	30.00	3.50	0.14	14.70	
		1.00	2.10	3.70	0.14	1.09	
	23rd Cross Road	1.00	30.00	3.50	0.15	15.75	
		1.00	24.10	3.30	0.15	11.93	
	24th Cross Raod	1.00	30.00	3.00	0.14	12.60	
		1.00	19.30	3.50	0.15	10.13	
	25th Cross Road	1.00	30.00	2.10	0.14	8.82	
		1.00	15.90	2.70	0.15	6.44	
					Present Qty	**419.65**	**CUM**

A.E.E

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub-Division
(BBMP Engineer)
Yelahanka, Bangalore

Name of Work: Construction of Rain water lead of drain at Kondappa layout 19th to 28th cross in Choudeshwari ward.No.2

Detailed Measurements

Measurement Recorded On: 13/5/2021 to 17/5/2021

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
6	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)						
		MT					
	17th Cross Road						
	Total Drain length=113.00m						
	Main bar 10mm dia bar @ 100mmC/c						
	10mm bar unit weight = 0.62kg/mtr	1008	1.60			0.62	999.94
	Distribution bar 8mm dia 150mm C/c						
	10mm bar unit weight = 0.39kg/mtr	8	112.80			0.39	351.94
	17th Cross Road LHS Cross						
	Total Drain length=23.70m						
	Main bar 10mm dia bar @ 100mmC/c						
	10mm bar unit weight = 0.62kg/mtr	229	1.15			0.62	163.28
	Distribution bar 8mm dia 150mm C/c						
	10mm bar unit weight = 0.39kg/mtr	8	23.30			0.39	72.70
	19th Cross Road						
	Total Drain length=47.80m						
	Main bar 10mm dia bar @ 100mmC/c						
	10mm bar unit weight = 0.62kg/mtr	468	1.40			0.62	406.22
	Distribution bar 8mm dia 150mm C/c						
	10mm bar unit weight = 0.39kg/mtr	8	47.50			0.39	148.20
	20th Cross Road						
	Total Drain length=74.80m						
	Main bar 10mm dia bar @ 100mmC/c						
	10mm bar unit weight = 0.62kg/mtr	736	1.40			0.62	638.85
	Distribution bar 8mm dia 150mm C/c						
	10mm bar unit weight = 0.39kg/mtr	8	74.50			0.39	232.44
	21st Cross Road						
	Total Drain length=66.00m						
	Main bar 10mm dia bar @ 100mmC/c						
	10mm bar unit weight = 0.62kg/mtr	657	1.40			0.62	570.28
	Distribution bar 8mm dia 150mm C/c						

A.E.E

AE-02

Culverts						
End road 2 =7m						
Main bar 12mm dia bar @ 100mmC/c						
12mm bar unit weight = 0.89kg/mtr		64	1.70		0.89	96.83
Distribution bar 10mm dia 150mm C/c						
10mm bar unit weight = 0.61kg/mtr		10	6.90		0.61	42.09
Temple Road = 7m						
Main bar 12mm dia bar @ 100mmC/c						
12mm bar unit weight = 0.89kg/mtr		64	2.40		0.89	136.70
Distribution bar 10mm dia 150mm C/c						
10mm bar unit weight = 0.61kg/mtr		10	6.90		0.61	42.09
25th Cross Road = 5.7m						
Main bar 12mm dia bar @ 100mmC/c						
12mm bar unit weight = 0.89kg/mtr		55	2.00		0.89	97.90
Distribution bar 10mm dia 150mm C/c						
10mm bar unit weight = 0.61kg/mtr		10	5.65		0.61	34.47
				Present Qty	**23.69**	**MT**

Contractor

PMC

SHRIYA CONSTRUCTION CONSULTANCY

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Engineer)
Yelahanka, Bangalore

Name of Work: **Construction of Rain water lead of drain at Kondappa layout 19th to 28th cross in Choudeshwari ward.No.2**

Detailed Measurements

Measurement Recorded On: 27/6/21 To 30/6/21

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
EIRL-1	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 KPWD S.R 2018-19 Page No. 147 I.No. 19.64						
	Road	Sqm					
	Temple Road	1.00	30.00	4.30		129.00	
		1.00	24.30	5.80		140.94	
	End Road 1	1.00	30.00	3.60		108.00	
		1.00	20.70	3.50		72.45	
	End Road 2	1.00	30.00	3.50		105.00	
		1.00	10.20	3.10		31.62	
	End Road 3	1.00	25.00	4.00		100.00	
	17th Cross Road	1.00	30.00	3.00		90.00	
		1.00	30.00	3.00		90.00	
		1.00	30.00	3.00		90.00	
		1.00	23.00	3.00		69.00	
	17th Cross Road LHS Cross	1.00	23.70	3.00		71.10	
	20th Cross Road	1.00	30.00	3.00		90.00	
		1.00	30.00	3.00		90.00	
		1.00	14.80	3.00		44.40	
	21st Cross Road	1.00	30.00	2.70		81.00	
		1.00	30.00	2.70		81.00	
		1.00	6.00	2.70		16.20	
	22nd Cross Road	1.00	30.00	3.70		111.00	
		1.00	30.00	3.50		105.00	
		1.00	2.10	3.70		7.77	
	23rd Cross Road	1.00	30.00	3.50		105.00	
		1.00	24.10	3.30		79.53	
	24th Cross Raod	1.00	30.00	3.00		90.00	
		1.00	19.30	3.50		67.55	
	25th Cross Road	1.00	30.00	2.10		63.00	
		1.00	15.90	2.70		42.93	
					Present Qty	**2171.49**	**Sqm**

A.E.E

Contractor

RMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Engineer)

1st & Final Bill

Name of Work:Construction of Rain water lead of drain at Kondappa layout 19th to 28th cross in Choudeshwari ward.No.2

Work Order No.: BBMP/EE YNK.D/EPMT-08/WO/08/2021-22. Dated 17.04.2021

Job code: 002-21-000013

Est. cost: 125.00 lakhs

Name Of contractor: Sri Gopi Reddy

Item No	Discription of Item	Measurements					Qty	Rate	Amount
		Unit	No	Length	Breadth	Depth			
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1) 20/4/21 To 29/4/21								
	Pre Measurements recorded in Vide page no (1) - (3)	CUM				Present Qty	1665.90	144.55	240805.34
2	KSRB 2-4: Refilling avalable earth around pipelines,cables in layers not exceeding 20cms in depth,compacting each deposited layer by ramming after watering with lead upto 50m. And lift upto 1.5m. Including cost of all labour complete as per specifications. 30/4/21 To 5/5/21								
	Pre Measurements recorded in Vide page no (4) - (5)	CUM				Present Qty	387.12	134.54	52082.59
3	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications., MORTH Specification No. 406 page no-155 item no-20.18 3/5/21 To 18/6/21								
	Pre Measurements recorded in Vide page no (6) - (7)	CUM				Present Qty	407.39	2099.34	855244.87
4	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)								
	Pre Measurements recorded in Vide page no (8) - (9) 6/5/21 To 25/6/21	CUM				Present Qty	419.65	5687.54	2386764.50
5	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No 271, I.No 37.59.2 of PW, P&IWTD S.R 2018-19) 13/5/21 To 17/5/21								
	Pre Measurements recorded in Vide page no (10) - (12)	CUM				Present Qty	292.84	7416.64	2171915.19

G Gopi Reddy

SHRIYA CONSTRUCTION AND CONSULTANCY

AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

6	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)						
	Pre Measurements recorded in Vide page no (13) – (16) 13/5/21 to 17/5/21	MT		Present Qty	23.69	69981.06	1657851.31
9	Conveying the excavated earth (lead charges) to a with lead of 8 kms with all lead and lift. Including loading and unloading charges etc., complete as per direction of Engineer in charge (17) – (18) 3/5/21 to 19/6/21						
	Pre Measurements recorded in Vide page no	CUM		Present Qty	832.82	86.13	71747.66
EIRL - 1	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression						
	Pre Measurements recorded in Vide page no (19) – (19) 27/6/21 to 30/6/21	CUM		Present Qty	2171.49	6.36	13810.68

Contractor

PMC

SHRIYA CONSULTANCY AND CONSTRUCTION

Assistant Engineer

Asst. Executive Engineer
Asst. Executive Engineer,
Yelahanka Sub- Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Name of Work: Construction of Rain water lead of drain at Kondappa layout 19th to 28th cross in Choudeshwari ward.No.2

Detailed Measurements

Measurement Recorded On: 20/5/21

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting , including form work, cost of alll materials, labour,hire charges of chinery,loading ,unloading ,lead and lift, transportation etc ,complete. (Data Rate)								
	Drain Slab	SQM							
	17th Cross Road	1.00	30.00	0.75		22.50			
		1.00	30.00	0.75		22.50			
		1.00	30.00	0.75		22.50			
		1.00	23.00	0.75		17.25			
	17th Cross Road LHS Cross	1.00	23.70	0.75		17.78			
	19th Cross Road	1.00	30.00	0.75		22.50			
		1.00	17.80	0.75		13.35			
	20th Cross Road	1.00	30.00	0.75		22.50			
		1.00	30.00	0.75		22.50			
		1.00	14.80	0.75		11.10			
	21st Cross Road	1.00	30.00	0.75		22.50			
		1.00	30.00	0.75		22.50			
		1.00	6.00	0.75		4.50			
	22nd Cross Road	1.00	30.00	0.75		22.50			
		1.00	30.00	0.75		22.50			
		1.00	2.10	0.75		1.58			
	23rd Cross Road	1.00	30.00	0.75		22.50			
		1.00	24.10	0.75		18.08			
	24th Cross Raod	1.00	30.00	0.75		22.50			
		1.00	19.30	0.75		14.48			
	25th Cross Road	1.00	30.00	0.75		22.50			
		1.00	15.90	0.75		11.93			
	Temple Road					0.00			
	RHS	1.00	15.10	1.20		18.12			
		1.00	23.70	1.20		28.44			
	LHS	1.00	30.00	0.90		27.00			
		1.00	3.20	0.90		2.88			
	Approach Road	1.00	29.80	0.90		26.82			
		1.00	5.20	0.90		4.68			
		1.00	3.20	0.90		2.88			
	End Road 1	2.00	30.00	0.75		45.00			
		2.00	16.00	0.75		24.00			
	End Road 2	1.00	23.90	0.75		17.93			
	End Road 3	1.00	23.30	0.75		17.48			
	Connecting Drain Near Lake	1.00	30.00	0.90		27.00			
		1.00	30.00	0.90		27.00			
	Cross Road	1.00	30.00	0.75		22.50			
		1.00	30.00	0.75		22.50			
					Present Qty	716.75	SQM	2451.51	1757107.53

A.E.E

05/08/2021

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Detailed Measurements

Measurement Recorded On: 21/5/21

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
8	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2.4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
		SQM							
	Culverts								
	End road 2	1.00	7.00	1.00		7.00			
	Temple Road	1.00	7.00	1.20		8.40			
	25th Cross Road	1.00	5.70	1.50		8.55			
					Present Qty	23.95	SQM	5683.48	136119.35

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Name of Work: Construction of Rain water lead of drain at Kondappa layout 19th to 28th cross in Choudeshwari ward.No.2

Measurement Recorded On: 01/7/21 to 2/7/21

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
DRL-2	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. (P.No-176,I No-22.6.1)								
	Road	CUM							
	Temple Road	1.00	30.00	4.30	0.14	18.06			
		1.00	24.30	5.80	0.14	19.73			
	End Road 1	1.00	30.00	3.60	0.14	15.12			
		1.00	20.70	3.50	0.13	9.42			
	End Road 2	1.00	30.00	3.50	0.13	13.65			
	End Road 3	1.00	25.00	4.00	0.14	14.00			
	17th Cross Road	1.00	30.00	3.00	0.13	11.70			
		1.00	30.00	3.00	0.14	12.60			
		1.00	30.00	3.00	0.14	12.60			
		1.00	23.00	3.00	0.13	8.97			
	17th Cross Road LHS Cross	1.00	23.70	3.00	0.14	9.95			
	20th Cross Road	1.00	30.00	3.00	0.13	11.70			
		1.00	30.00	3.00	0.13	11.70			
		1.00	14.80	3.00	0.13	5.77			
	21st Cross Road	1.00	30.00	2.70	0.13	10.53			
		1.00	30.00	2.70	0.13	10.53			
		1.00	6.00	2.70	0.14	2.27			
	22nd Cross Road	1.00	30.00	3.70	0.13	14.43			
		1.00	30.00	3.50	0.14	14.70			
		1.00	2.10	3.70	0.13	1.01			
	23rd Cross Road	1.00	30.00	3.50	0.13	13.65			
		1.00	24.10	3.30	0.14	11.13			
	24th Cross Raod	1.00	30.00	3.00	0.13	11.70			
		1.00	19.30	3.50	0.13	8.78			
	25th Cross Road	1.00	30.00	2.10	0.14	8.82			
		1.00	15.90	2.70	0.13	5.58			
					Present Qty	288.11	CUM	5634.31	1623304.71
							Civil Works Amount		10966753.72
							12% GST		1316010.45
							Total		12282765.00

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